



**Los Angeles County Flood Control District  
Sediment Management Strategic Plan Task Force Meeting # 4**



**Wednesday, September 7, 2011  
2:00 pm to 4:00 pm**

LA County Department of Public Works Headquarters Building  
900 South Fremont Avenue, Alhambra, CA 91803  
Conference Room C

**Meeting Summary**

Note: For reference purposes the following are included in the meeting summary, which may also be found at our website, [www.lasedimentmanagement.com](http://www.lasedimentmanagement.com).

- Meeting agenda (page 8).
- Invitation list for the meeting (page 9).
- List of attendees (page 14).

The PowerPoint presentation from the meeting can also be found on the website.

**Welcome and Introduction: Terri Grant**

Terri Grant, Assistant Division Head of the Watershed Management Division, welcomed Task Force members, outlined the goals and agenda for the Task Force meeting, and presented the Strategic Plan Process and progress to date for this planning effort. The major focus of Task Force Meeting # 4 was to:

- Present detailed analyses of sediment transportation and placement alternatives for two groups of debris basins in the West Area of the Flood Control District; and
- Obtain feedback from the Task Force regarding which alternatives to evaluate further.

Terri also noted we are considering a longer term sustainable vision for the Flood Control District that includes mimicking natural sediment transport processes along with other modifications to the system.

**Planning Quantities and Alternatives Analysis Process: Dan Sharp**

Dan Sharp of the Watershed Management Division discussed the following:

- Key concepts:
  - Need to periodically remove sediment from reservoirs and debris basins in order to manage flood risk and provide for water conservation.
  - Pursuing sediment management with a balanced approach to environmental, social, and economic concerns.
- The derivation of the 20-year sediment management planning quantities for Flood Control District facilities for the period 2012-2032. The total is estimated to be over 80 million cubic yards (debris basins  $\approx$  10 MCY and dams  $\approx$  70 MCY) based on the 80<sup>th</sup> percentile of observed 20-year sediment production periods.

- Remaining capacity at active Sediment Placement Sites (SPSs) is small compared to 20-year planning quantities.
- Active SPSs will continue to be used while other sediment management solutions are developed.
- Flood Control District facilities within subregions West 2 and West 3 comprise 62 debris basins along the foothills of the San Gabriel Mountains and Verdugo Hills. These debris basins have a combined 20-year sediment planning quantity of 3.6 MCY.
- The alternatives analysis process for West 2 and 3 are now being extended beyond environmental and social considerations to encompass project performance, implementability, and cost.
- Sediment processing for commercial reuse of the sediment is currently under investigation.

### **Analysis of Transportation Alternatives: Gerard Dalziel**

Gerard Dalziel of AECOM presented the analysis of the following sediment transportation alternatives for subregions West 2 and 3:

- |                                  |                                 |
|----------------------------------|---------------------------------|
| • Truck to existing rail network | • Sluicing in existing channels |
| • Low emission trucking          | • Cable/bucket systems          |
| • Standard trucking              | • Conveyor belt systems         |
| • Slurry pipelines               | • Trucking in channels          |

New rail lines were not evaluated due to high environmental and social concerns.

**Conclusion:** Due to the wide geographic distribution and relatively small quantity of sediment coming into debris basins, trucking appears to be the most feasible alternative for the West 2 and West 3 subregions. We will continue to evaluate alternatives for debris basins in the remaining subregions. It was also noted that when we evaluate the reservoirs, more alternatives will likely be feasible due to relatively large sediment quantities located in a single location as well as the availability of water for sluicing and slurry pipelines.

### **Analysis of Transportation Alternatives: Open Discussion**

1. Vic LaRosa, President, Total Transportation Services, Inc.
  - How many truckloads are envisioned for transporting 3.6 MCY of sediment?  
**Response:** 3.6 MCY/10 CY per truck = 360,000 truckloads.
  - Was consideration given to trucking sediment at night?  
**Response:** No, social impacts to residential communities would be more adverse than daytime operations when many people are away from home.
  - Was the difference in fuel costs for low emission trucks factored into the analysis?  
**Response:** No, cost difference presented is based on the cost to bring in additional low emission trucks from outside of the region.
  - Currently the Port of Los Angeles is evaluating the performance of low emission trucks powered by liquid natural gas (LNG) and methane which have a diesel fuel cost equivalent of \$2.20-\$2.50 per gallon. In addition, testing of all-electric trucks using hydrogen fuel cell technology is underway with the delivery of the first such truck just

three weeks ago. Additional hydrogen gas distribution lines within the LA area are needed for this technology to reach its full potential. Initial testing of the all-electric trucks found them very powerful and quiet, and with the added benefit of having no polluting emissions.

Response: We would like to talk to you.

2. Rody Stephenson, Public

- Consider running slurry pipelines in the flood control channels and using saltwater for the water supply.

Response: This approach will be investigated.

3. Dave Weeshoff, President, San Fernando Valley Audubon Society

- Consider using effluent from the Tillman Water Reclamation Plant as a water source for sluicing and slurry pipeline operations. Currently most of this effluent flows down the Los Angeles River to the ocean.

Response: We will consider reclaimed water as a source of water for slurry pipelines and sluicing.

4. Unidentified Speaker

- Is the County looking for one solution for all situations, e.g., an infrastructure similar to a wastewater treatment system?

Response: No, the infrastructure for sediment management would only be used for particular events when it is needed. There is a constant supply of sewage [but not a constant supply of sediment].

5. Kiran Magiawala, Public

- The County of Los Angeles Sanitation Districts and the Metropolitan Water District should be consulted to determine the availability of excess reclaimed water that may be able to be used for the transport of sediment.

Response: This will be considered.

6. Kelly Schmoker, California Department of Fish and Game

- Are you going to consider lifetime cost? Some alternatives may have a lifetime that is longer than 20 years.

Response: Most alternatives can be adequately analyzed considering a 20-year period. If the lifetime of an alternative is longer than 20 years, we will consider that.

7. Mary Barrie, Friends of Hahamongna

- Maintenance roads adjacent to flood control channels being considered for the placement of slurry pipelines or conveyor belt systems are sometimes used as recreational trails. Recreational use may be a more important use.

Response: Impacts to recreation are part of the analysis.

8. Rody Stephenson, Public

- Will the remaining portion of the analysis address the Flood Control District's reservoirs and facilities in other areas?

Response: Yes.

## **Analysis of Placement Alternatives: Bill Brownlie**

Bill Brownlie of Tetra Tech described the analysis of the following sediment placement alternatives for subregions West 2 and 3:

- Landfill cover
- Pits in industrial areas
- Inert debris fill operations
- Remote locations with recoverable habitat
- Beaches
- Offshore Placement

Conclusion: The use of sediment as landfill cover is an option for limited quantities and we will continue to pursue pits and inert debris fill operations. Beach replenishment and offshore disposal are technically feasible and can be pursued if partner agencies are identified or if other alternatives do not work out. No suitable remote locations were found. We are also discussing processing alternatives with the aggregate industry.

## **Analysis of Placement Alternatives: Open Discussion**

Dan opened the discussion by pointing out that new SPSs in locations with sensitive habitat such as La Tuna Canyon were not being discussed since they are not being considered at this time while there are other viable placement alternatives.

### 9. Snowy Dodson, Southern California Native Plant Society/Theodore Payne Foundation

- What is meant by “wet” vs. “dry” sediment?

Response: Sediment that is cleaned out from the debris basins during the storm season is likely to be wet due to flood runoff flowing through the basin. Sediment that is to be compacted needs to be dry, so wet sediment needs to be allowed to dry before compaction.

- Sage-scrub vegetation is valuable habitat and there is only 10% left in the area. Using sage-scrub habitat as an example of “recoverable” habitat is not a good example from that perspective. More appropriate examples of recoverable habitat include fallow agricultural land or barren areas that have had the top soil scraped clean. It is not just the plants that are important with respect to habitat but also the organisms such as bacteria, hibernating toads, etc. that are important components of the ecosystem.

Response: We will be more careful with our descriptions. Note that none of the alternatives under consideration affect any habitat, recoverable or sensitive.

### 10. Dianne Patrizzi, Public/Media

- Why are there debris basin cleanouts during the wet season?

Response: To manage the risk of flood. Sometimes sediment needs to be cleaned out during the wet season to recover space needed to capture sediment from subsequent storm events.

### 11. Theresa Young, San Gabriel Mountains Regional Conservancy

- The placement analysis did not consider the beneficial aspects of offshore sediment placement that could result from capping pollutants such as DDT. Offshore placement could improve the environmental health of the ocean, including the near-shore fish population.

Response: If offshore placement looks favorable based on the analysis, specific placement locations and other considerations will be taken into account.

12. Vic LaRosa, Total Transportation Services, Inc.

- Is processing of sediment for use in the construction industry under consideration? It could potentially offset some of the sediment management costs. Follow up on processing options and the quantities of materials needed by the aggregate industry.

Response: The Flood Control District is currently having discussions with the aggregate industry.

13. Rody Stephenson, Public

- Filling pits that have just been dug up doesn't seem to make sense.

Response: Filling pits is being evaluated along with the rest of the alternatives.

14. Mary Barrie, Friends of Hahamongna

- Where do landfills currently get the sediment they use for cover?

Response: Mainly from onsite grading operations.

15. Unidentified Speaker

- I think landfills need to mitigate for their operations. Could they utilize Flood Control District sediment as part of their mitigation?
- What percentage of the debris basin sediment is organic (containing roots and stumps)? What is the cost to remove the organics?

Response: Approximately 5-10% or sometimes higher depending on the watershed conditions (burned vs. unburned). The cost of processing is part of the discussions we are having with the aggregate industry.

16. Christle Balvin, Urbanwild Network

- Have you talked to any of the beach cities regarding sediment placement for beach nourishment?

Response: The Flood Control District has initiated discussions with the Los Angeles County Department of Beaches and Harbors regarding beach nourishment and we are aware there is currently a project at Broad Beach in Malibu.

- Laguna Beach sand losses have been extensive. Sediment is a valuable resource! It should be viewed in that light. We would like to talk to you further about the beach nourishment alternative.

Response: The Flood Control District is open to such discussions as well as working with other agencies although it looks like some cities and other agencies may have better options in terms of sources of beach sand.

17. Kiran Magiawala, Public

- Offshore studies conducted in 2005 of the tsunami hazard along the southern California coast should be reviewed as part of any proposal to place sediment offshore due to the potential to affect wave patterns.

Response: Studies would have to be conducted to determine the effects of offshore placement.

18. Cesar Espinosa, Los Angeles County Department of Beaches and Harbors

- Have there been discussions with the Port of Long Beach regarding the use of sediment for the Middle Harbor Redevelopment Project?

Response: Yes. We have been told they have sufficient sediment for the first phase of the project. We are aware there will be a second phase.

Correction: During the meeting it was indicated that we were told priority is given to contaminated sediment but the priority is given to dredged marine sediment.

19. Theresa Young, San Gabriel Mountains Regional Conservancy

- Please tell us what you have looked at so that we (the Task Force) can be more helpful.

Response: We will continue to provide regular updates to the Task Force.

20. Lynnette Kampe, Theodore Payne Foundation

- Can you repeat that La Tuna SPS is off the table?

Response: Though La Tuna isn't completely off the table, at this time we are focused on other alternatives that seem feasible and appropriate.

21. Snowdy Dodson, Southern California Native Plant Society/Theodore Payne Foundation

- Once the La Tuna Canyon SPS alternative is "off the table", the Flood Control District should transfer the land to a natural resource agency or County Parks for use as a recreation area and/or wildlife habitat.

Response: We could consider that option once other sediment management alternatives are developed.

**Devil's Gate Environmental Impact Report Update: Keith Lilley**

Keith Lilley of the Water Resources Division discussed the following:

- The Environmental Impact Report (EIR) process for the Devil's Gate Reservoir Sediment Removal and Management Project is underway. The EIR is being prepared by an environmental consulting firm, Chambers Group, with a target completion in 18-24 months.
- There are two public meetings scheduled as part of the EIR process. Fliers were made available after the meeting.
  - October 5, 2011 6:30-8:30 pm at the Rose Bowl in Pasadena
  - October 15, 2011 9-11 am at the La Cañada High School Cafeteria
- The Flood Control District has completed an interim sediment cleanout of 13,000 cubic yards at the face of the dam. This material has been temporarily placed at Johnson Field until the EIR is completed. The upcoming storm season will bring sediment to the face of the dam once again.
- Contract work currently going on includes the installation of walkways and modification of the trash rack as preventive measures. That work is anticipated to be completed in October.
- Additional information regarding the reservoir sediment removal projects is available at [www.lasedimentmanagement.com](http://www.lasedimentmanagement.com).

### **Additional Comments from Task Force Members**

22. Dave Czamanske

- The Task Force meetings are really information and status meetings rather than meetings to fully engage Task Force members in substantive tasks or activities that support the development of the Strategic Plan. The group should be renamed appropriately.

Response: Comment was noted.

- What is the relationship between the Advisory Working Group and the Task Force?

Response: Both the Advisory Working Group and Task Force are receiving the same briefing information and the feedback from the two groups is contributing to the process. We will bring an update at the next Task Force meeting.

23. Christle Balvin

- I now understand that the Devil's Gate Dam EIR process is separate from the development of the Strategic Plan, with the later being the focus of the Task Force meetings.

### **Next Steps & Closing Remarks: Terri Grant**

At the conclusion of the meeting Terri confirmed that the Task Force meeting #4 PowerPoint slide presentation would be posted on the project website. She then thanked the attendees for their participation and adjourned the meeting.



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LA County Department of Public Works Headquarters Building  
900 South Fremont Avenue. Alhambra, CA 91803  
Conference Room C

**Goal**

Manage sediment in order to provide for the flood risk management and water conservation needs of the region while balancing environmental, social, and economic concerns.

**Agenda**

1. Welcome and introduction
2. Planning quantities
3. Alternatives analysis process
4. Analysis of transportation alternatives for sediment from two groups of debris basins in the West Area
  - Truck to existing rail network
  - Low emission trucking
  - Standard trucking
  - Slurry pipelines
  - Sluicing in existing channels
  - Cable/buckets systems
  - Conveyor systems
  - Trucking in channels
  - New rail lines
5. Analysis of placement alternatives for sediment from two groups of debris basins in the West Area
  - Sanitary landfills for cover
  - Pits
  - Inert debris fill operations
  - Remote locations with recoverable habitat
  - Beaches
  - Offshore
6. *Devil's Gate Environmental Impact Report process – brief update*
7. Next steps & closing remarks



## Sediment Management Strategic Plan Task Force Meeting # 4 Invitation List

Agency/Organization	Name	Title
Arroyo Seco Foundation	Tim Brick	Managing Director
California Coastal Commission	John (Jack) Ainsworth	Deputy Director
California Department of Fish and Game	Terri Dickerson	Senior Environmental Scientist
California Department of Fish and Game	Sarah Rains	
California Department of Forestry	Mikel Martin	Southern Region Chief
California Department of Transportation - District 7	James McCarthy	Deputy District Director of Planning
California Native Plant Society/Public	Barbara Eisenstein	
California Native Plant Society San Gabriel Mountains Chapter	Gabi McLean	
California Native Plant Society/ Theodore Payne Foundation	Snowdy Dodson	Board Member
California Regional Water Quality Control Board - Los Angeles Region	LB Nye	
California Regional Water Quality Control Board - Los Angeles Region	Deb Smith	Chief Deputy Executive Officer
California Regional Water Quality Control Board - Los Angeles Region	Sam Unger	Executive Officer
Chevy Chase Estates Garden Club	Marianne Bamford	Treasurer
Chevy Chase Estates Garden Club	Mary Betlach	President
Chief Transportation & Engineering Contractors	Jose L. Aceituno	Estimator / Project Manager
City of Arcadia Public Works Services Department	Phil Wray	City Engineer
City of Azusa	Daniel Bobadilla	Principal Civil Engineer
City of Azusa	Carl Hassel	City Engineer
City of Bradbury	Dominic Milano	City Engineer
City of Burbank	Sean Corrigan	Chief City Engineer
City of Claremont	Craig Bradshaw	City Engineer
City of Duarte	Craig Hensley	Director of Public Works
City of Glendale	Roubik Golanian	City Engineer
City of Glendora	Jerry Burke	Assistant Public Works Director/City Engineer
City of Irwindale	Kwok Tam	Director of Public Works/City Engineer
City of La Cañada Flintridge	Ying Kwan	City Engineer
City of La Verne	Dan Keesey	Public Works Department Head
City of Los Angeles	Fred Burnett	
City of Los Angeles	Gary Lee Moore	City Engineer
City of Los Angeles Bureau of Sanitation	Khalil Gharios	Division Manager
City of Los Angeles City Council District 2	Mary Benson	Senior Community Representative

<b>Agency/Organization</b>	<b>Name</b>	<b>Title</b>
City of Los Angeles Department of Building and Safety Code Enforcement Bureau	Wayne Tsuda	Program Manager
City of Monrovia	Jun Cervantes	City Engineer
City of Pasadena	Dan Rix	City Engineer
City of San Dimas	Lisa Bugrova	Environmental Coordinator
City of San Dimas	Krishna Patel	Director of Public Works
City of Santa Clarita	Kerry Breyer	Senior Engineer
City of Santa Clarita	Oliver Cramer	Analyst
City of Santa Clarita	Robert Newman	
City of Sierra Madre	Chris Cimino	Deputy Director of Public Works
City of Sierra Madre	Bruce Inman	Director of Public Works
Community Forest Advisory Committee/ Theodore Payne Foundation	Lynette Kampe	Executive Director
County of Los Angeles Department of Beaches and Harbors	Paul Wong	
County of Los Angeles Department of Beaches and Harbors	Santos H. Kreimann	Director
County of Los Angeles Department of Regional Planning	Nooshin Paidar	
County of Los Angeles Department of Public Health	Cindy Chen	Chief, R.E.H.S
County of Ventura Public Works Agency	Jeff Pratt	
Crescenta Valley Town Council	Cheryl Davis	Chair for La Crescenta Town Council
Crescenta Valley Town Council	Charly Shelton	
CUCA	Roberta Medford	
EnviroMINE, Inc.	Crystal Howard	Manager
Foothill Municipal Water District	Nina Jazmadarian	General Manager
Friends of Hahamonga	Mary Barrie	
H&B	Christle Balvin	
Holliday Rock Company	John Holliday	President
JPL	Merilee Fellows	Manager of Environmental Communications
JPL	Steve Slaten	Cleanup Program Manager
LA-32 Neighborhood Council & Sierra Club - Angeles Chapter	Tom Williams	Dr. Board Member
Council for Watershed Health (Formerly known as Los Angeles and San Gabriel Rivers Watershed Council)	Drew Ready	Program Manager/ Watershed Coordinator
Council for Watershed Health (Formerly known as Los Angeles and San Gabriel Rivers Watershed Council)	Nancy Steele	Executive Director
Los Angeles Audubon	Travis Longcore	President

Agency/Organization	Name	Title
Los Angeles Department of Water and Power	Susan Avila Suarez	
Los Angeles Department of Water and Power	Thomas Erb	Director of Water Resources
Main San Gabriel Basin Watermaster	Carol Williams	
Mountains Restoration Trust	Debbie Bruschaber	Co-Executive Director
Neighborhood Unitarian Church	Robin Robinson	
Pasadena Audubon	Laura Garrett	
Pasadena Audubon	Mickey Long	
Pasadena Star-News	Frank Giradot	
Peck Road Gravel	Nick Bubalo	President
Public	Ginger Alberti	
Public	Susan Bartow	
Public	William Bertrand	
Public	Karen Bonfigli	
Public	Nancy Busacca	
Public	Bruce Campbell	
Public	Tori Collender	
Public	Robert Conner	
Public	Wynesta Dale	
Public	Bill Eutz	
Public	Caroline Brown	
Public	Dave Czamanske	
Public	Kiran Magiawla	
Public	Arthur Golding	
Public	Morton Gorel	
Public	Glen Owens	
Public	Lori Paul	
Public	Mary Hayden	
Public	Ginny Heringer	
Public	Cam Stone	
Public	Scott Wilson	
Public	Terry Young	
Public	Janica Jones	
Public	Sally Kalaghan	
Public	James Kimmick	
Public	Roger Klemm	
Public	Dan Kronstadt	
Public	Elizabeth Lanski	
Public	Mike Lawler	
Public	Tim Martinez	
Public	Suzanna Mast	Public
Public	Lisa Novick	
Public	Sharon Olsen	
Public	Millie Paul	
Public	Dianne Patrizzi	
Public	Robert Ruby	
Public	Michael Sabo	

Agency/Organization	Name	Title
Public	Allen Savedoff	
Public	Carole Scurlock	
Public	Marianne Simort	Public
Public	Alex Squiers	
Public	Emma Stark	
Public	Rody Stephenson	
Public	Darren Thorne	
Public	Dennis Van Bremen	
Public	Laurie Walcutt	
Public	Bill Weisman	
Public	Rebecca Latta	
Public/Reporter	Emily Green	
Raymond Basin Management Board	Tony Zampello	Executive Officer
Republic Services	Rafael Garcia	Communications Relation Manager
Republic Services, Inc/BFI of California, Inc.	Kurt Bratton	Market Vice President
Resident - Shadow Hills/La Tuna Cyn	Julia Tarnawski	Public
San Fernando Valley Audubon Society	Dave Weeshoff	President
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	Luz Torres	Staff Biologist
San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy	Valorie Shatynski	Acting Executive Officer
Sanitation Districts of Los Angeles County	Bob Asgian	Division Engineer
Sanitation Districts of Los Angeles County	Sam Shammas	Project Engineer
Sanitation Districts of Los Angeles County	Stephen R. Maguin	Executive Director
Santa Monica Bay Restoration Commission	Shelly Luce	
Santa Monica Mountains Conservancy Angeles District	Joseph T. Edmiston	Executive Director
Sierra Club	Don Bremner	
Sierra Club	Linda Doran	
Sierra Club Angeles Chapter	Joan Licari	Chair, San Gabriel Task Force
Sierra Club Angeles Chapter	George Watland	Conservation Program Coordinator
South Coast Air Quality Management District	Barry R Wallerstein	Executive Officer
Stetson Engineers, Inc. (Raymond Basin Management Board)	Steve Johnson	Corporate Senior Vice-President, Principal Engineer
Theodore Payne Foundation	Destiny Floyd	
Theodore Payne Foundation	Jeanne Kirhofer	
Theodore Payne Foundation	Leslie Lipton	
Theodore Payne Foundation	Andrew Nabagiez	
Theodore Payne Foundation	Andrew Peck	
Theodore Payne Foundation	Ann Schultz	
Theodore Payne Foundation	Kevin Steinhauer	

Agency/Organization	Name	Title
Total Transportation Services, Inc.	Tony Williamson	Director, Business Development & Diversity Services
Trammell Crow Company	Jason Gremillion	
Transition San Fernando Valley	Bruce Woodside	Steering Committee Member
TreePeople	Rebecca Drayse	
U.S. Army Corps of Engineers	Ned Araujo	
U.S. Army Corps of Engineers	Daniel P. Swenson	Chief, Los Angeles Section, North Coast Branch
U.S. Army Corps of Engineers Los Angeles District (SPL)	Tomas G. Beauchamp	Chief, Operations Branch
U.S. Fish and Wildlife Service	Ren Lohofener	Regional Director, Pacific Southwest
U.S. Forest Service - Angeles National Forest	Sonja Bergdahl	Forest Engineer
U.S. Forest Service - Angeles National Forest	Marty Dumpis	Deputy Forest Supervisor
U.S. Forest Service - Angeles National Forest	Tasha Hernandez	Santa Clara/Mojave Rivers Ranger District Resources Officer
U.S. Forest Service - Angeles National Forest	Lisa Northrop	Resources and Planning Staff Officer
United Rock Products	Dave Huss	
United Rock Products	Russ Caruso	
Urban Wild Network	Laurie Gould	
Urban Wild Network	Susan Rudnicki	
Vulcan Materials Company	Sid Rodriguez	Raw Materials Coordinator HMA - Operations Western Division - Irwindale
Vulcan Materials Company	Charles St. John	LA Regional Environmental Manager
Vulcan Materials Company	Jeff Cameron	
Vulcan Materials Company	Gary Goellner	Regional Operation Manager
Vulcan Materials Company	Mike Linton	VP
Waste Connections Inc.	Mike Dean	District Manager
Waste Connections Inc. SCS Engineers	Robert Johnson	Senior Project Director
Waste Management	Brent Anderson	District Manager
Waste Management	Damon DeFrates	
Watershed Conservation Authority	Jane Beesley	Deputy Executive Officer
Watershed Conservation Authority	Rob Romanek	Project Manager
Weston Solutions	Rod Tobias	
Weston Solutions	Michael Drennan	Vice President, California Regional Manager

## Sediment Management Strategic Plan Task Force Meeting # 4 Attendee List

Agency/Organization	Name	Title
Arroyo Seco Foundation	Tim Brick	Managing Director
Arroyo Seco Foundation	Jonathan Frame	Watershed Coordinator
California Department of Fish and Game	Terri Dickerson	Senior Environmental Scientist
California Department of Fish and Game	Kelly Schmoker	
California Native Plant Society/ Theodore Payne Foundation	Snowdy Dodson	Board Member
California Regional Water Quality Control Board - Los Angeles Region	LB Nye	
City of Burbank	Sean Corrigan	Chief City Engineer
City of Glendora	Jerry Burke	Assistant Public Works Director/City Engineer
City of Santa Clarita	Oliver Cramer	Analyst
Community Forest Advisory Committee/ Theodore Payne Foundation	Lynette Kampe	Executive Director
County of Los Angeles Department of Beaches and Harbors	Cesar Espinosa	Planner
Crescenta Valley Town Council	Charly Shelton	
EnviroMINE, Inc.	Crystal Howard	Manager
Public	Kiran Magiawala	
Public	Glen Owens	
Public	Bryan Helm	
Public	Thomas Holaday	
Public	Dianne Patrizzi	
Public	Robert Ruby	
Public	Carole Scurlock	
Public	Rody Stephenson	
Republic Services	David Cieply	General Manager
Resident - Shadow Hills/La Tuna Cyn	Julia Tarnawski	Public
Sanitation Districts of Los Angeles County	Sam Shammas	Project Engineer
Sierra Club	Don Bremner	
Sierra Club Angeles Chapter	Joan Licari	Chair, San Gabriel Task Force
Total Transportation Services, Inc.	Tony Williamson	Director, Business Development & Diversity Services
Total Transportation Services, Inc.	Vic LaRosa	President
Total Transportation Services, Inc.	Bill Allen	
United Rock Products	Martin Fuentes	Operations Manager
Vulcan Materials Company	Jeff Cameron	
Vulcan Materials Company	Gary Goellner	Regional Operation Manager
Waste Connections Inc.	Mike Dean	District Manager
Waste Connections Inc. SCS Engineers	Dan Vidal	Project Director
Watershed Conservation Authority	Rob Romanek	Project Manager